CHANDIGARH UNIVERSITY
Discover. Learn. Empower.

NAAC GRADE A+
Accredited University

Ref. No.: CU/RIM/2023-24/2275

Date: 20/05/2024

19th Meeting Proceedings of Internal Quality Assurance Committee (Tuesday, April 02, 2024, at 10.30 a.m.)

Venue: - K12 Board Room, Block-A1
Chandigarh University
Gharuan (Mohali)

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

CU/R/M/2023-24/2275

The 19th meeting of the **Internal Quality Assurance Committee** was held **K12 Board Room, Block-A1** on **Tuesday, April 02, 2024,** at **10:30 a.m.**

The following members were present in the meeting:

Sr. No.	Name	Designation/Industry/College
1	Prof. (Dr.) Manpreet Singh Manna	Vice Chancellor
2	Prof. (Dr.) Vinay Kumar Mittal	Pro-Vice Chancellor (Academic Affairs) & Dean-Academic Affairs
3	Prof. (Dr.) Sanjeet Singh	Pro-Vice Chancellor (Research, Ranking and Accreditations)
4	Dr. G.S. Brar	Registrar
5	Dr. Pargat Singh Garcha	Prof. (Principal), GHG Khalsa College of Education, Gurusar Sudhar, Ludhiana
6	Mr. Sofi Zahoor	Chief Executive Officer, Human Cap - India, Mohali
7	Dr. Ramesh Chand Thakur	Director IQAC & Associate Professor, Himachal Pradesh University
8	Prof. (Dr.) Sachin Ahuja	Executive Director-Engineering
9	Prof. (Dr.) Anurag Varma	Executive Director-Liberal Arts & Humanities
10	Prof. (Dr.) Ramanjeet Singh	Executive Director - Management & Law
11	Dr. Arvinder Singh Kang	Executive Director (Student Affairs & Support Services) & Dean-Students Welfare
12	Prof. (Dr.) Dattatri K. Nagesha	Executive Director - Sciences
13	Prof. (Dr.) B.S. Pabla	Executive Director - U.I.T.T.R.
14	Mr. Pardeep Bansal	Executive Director - D.C.P.D.
15	Prof. (Dr.) O.P. Midha	Director-UILS
16	Dr. Navneet Singh	Director-CRC
17	Prof. (Dr.) Himanshu Tripathi	Director-UIAHS
18	Dr. Karthikeyan Natesapillai	Director - IQAC
19	Prof.(Dr) Hitakshi Dutta	Associate Director- C.U.-C.D.O.E.
20	Md. Shazil Al Haque	Co-ordinater. Academic Affaire
21	Mr. Sarabpreet Singh	Associate Director - IQAC
22	Ms. Muskaan Jaiswal	Pharm. D. UID 21YPD5030
23	Ms. Achint Kaur Sandhu	B.A hons. Liberal Arts and Humanities UID:22BLA70017

N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

The Honorable **Vice Chancellor Prof. (Dr.) Manpreet Singh Manna** greeted and welcomed all the IQAC members and invited external experts present for the 19th Internal Quality Assurance Committee (IQAC) meeting and briefed the members about the intent, purpose, and goals of the 19th IQAC meeting at Chandigarh University. Thereafter, the Honorable Vice-chancellor introduced Director IQAC Dr. Karthikeyan Natesapillai to all members and requested him to present Chandigarh University's brief institutional profile and IQAC's presentation highlighting activities as planned for the upcoming academic session.

Director IQAC Dr. Karthikeyan Natesapillai along-with Associate Director IQAC Mr. Sarabpreet Singh presented IQAC's core functions and activities, elaborated and discussed about progression and achievements of Chandigarh University in terms of research, accreditations, and rankings. Then, a video presentation of Chandigarh University was showcased for external experts before proceeding to the agenda-wise discussion as follows:

The following are the important points of discussions:

Sr. No.	Meeting Agenda	Discussion / Suggestions	Actionable Points or Non-actionable Remarks	Responsible Person with Date
1	**Agenda Item No.1:** To approve the minutes of the 18th meeting of IQAC held on September 09 2022	The honorable vice-chancellor Chandigarh University Prof (Dr) Manpreet Singh Manna informed all IQAC members regarding importance of IQAC's role at Chandigarh University that it is imperative that IQAC meetings are held regularly for impactful change in institutional effectiveness. Thereafter, the members of the IQAC were requested to review and approve the Minutes of the 18th IQAC Meeting held on 9th September 2022.	It was resolved that IQAC Meeting shall be held regularly with meeting frequency of quarterly as per guidelines of NAAC for IQAC by the IQAC department. IQAC members unanimously approved the Minutes of the 18th IQAC Meeting.	IQAC Department **Timeline: 30th June 2024**
2	**Agenda Item No.2:** To note the action taken report of the 18th meeting of IQAC held on September 09 2022	The members of the IQAC were requested to note and approve the Action Taken Report (ATR) of the 18th IQAC Meeting held on 9th September 2022	IQAC members unanimously approved the ATR of the 18th IQAC Meeting	NA
3	**Agenda Item No 3:** To brief about the Academics –	It was requested from the academic's team to take up the agenda on academics, wherein		

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

	NEP, Curriculum Development, OBE, Teaching & Learning Process, Professors of Practice, Academic & Administrative Audit, and Accreditations (NBA, ABET, & NAAC)	PVC Academic Affairs Prof (Dr) V.K. Mittal addressed the agenda item briefly and requested the academic affairs team to present aspects of the agenda as noted below: **Prof. (Dr.) Amit Jain** briefed over academic focus on NEP 2020 and discussed about **Past** (Academic Session 2022-2023), **Present** (Academic Session 2023-24), and **Future** (Academic Session 2024-25) for the status of implementation of NEP 2020 guidelines and policies. • For **Past**, Dr Amit shared aspects related to Flexibility in Curriculum, practical learning during internships, and efforts done for MoUs / FDPs were shared. • For **Present**, the details related to holistic and lifelong learning, pre-requisite courses, in-house initiatives, i.e. FDPs, IDPs, workshops, UGC-MMTP, and Professors of practice related aspects. • For **Future**, NEP-led changes such as multiple-entry/exit, UN SDGs, IKS courses, and planned ways to increase faculty's knowledge and skill were shared. **Dr Ramesh Thakur** enquired regarding multiple entry/exit process and requested information about implementation of Academic bank of Credit (ABC), in response Dr Amit shared remarks and mentioned that in addition to ABC implementation, the CU students have been facilitated with APAR IDs and Academic	It was resolved that NEP-2020 provisions shall be implemented as per issued guidelines related to National Education Policy 2020 for upcoming session across applicable programmes. It was resolved that a final status of ABC and information regarding programmes under multiple entry/exit is to be prepared and submitted to IQAC.	Responsibility of Academic Affairs dept. **Timeline: 30th June 2024** Prof. (Dr) Amit Jain, Academic Affairs **Timeline: 30th June 2024**

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

		Bank of Credits as per the ABC /NEP guidelines. **Dr Pargat Singh** asked regarding the mechanism built or followed by CU to compare and collaborate credit system across universities for facilitation multiple-entry/-exit system under NEP. In response, Dr. Khushal Thakur (AD) shared that CU have done the elaborated exercise on the same and identified common curricular aspects, skill sets, and graduate attributes to facilitate multiple-entry/exit system with example of the curriculum of 4yr UG Programme. **Mr Sofi Zahoor** asked a question how CU measures outcomes of faculty development initiatives regarding the mechanism to measure the outcomes of the same. In response, PVC Academic Affairs Prof. (Dr.) V.K Mittal explained that outcomes are measures in place primarily through two ways. First, in terms of impact reflected on students learning outcomes when they go in the industry, Second, with the help of OBE attainments if for a given course/programme if the attainment percentage is observed as increasing then it is considered as a positive indication as an outcome of faculty development programme. In addition, **Dr Kaushal** shared and discussed alignment of the curricular development work according to needs and requirements of each respective department / programme within the framework of NEP-2020, UN SDGs and so forth. **Ms Deepika,** on behalf of Dr Hapreet presented a report on		

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

		OBE Teaching Learning process and discussed last three academic session's COs-POs attainments and analysis of trend from July-Dec 2022 to July-December 2023. She elaborated on the procedure of mapping COs and POs for attainment calculation under direct and indirect attainments, furthermore, addressed the remedial measures undertaken to review and improve the attainments. For future target, a comparative presentation highlighting improvements in attainment figures be presented. **Mr Sofi Zahoor** appreciated the data presented for attainments and suggested that in the next meeting, a dashboard like presentation should be made for academics with respect to showing progression, and cited example of corporate meetings and explained the helpful nature of fact-driven overview of the institutional activity. **Dr Ramesh Thakur** asked about parameters based on which CU measures OBE attainment, in response Ms Deepika explained the process of OBE Attainment and interlinking of direct and indirect methods for OBE attainment measurement for courses. **Dr Pargat Singh** sought clarity on common mechanisms to capture the best practices and sharing of these practices with other department for the larger benefit of university. In response, PVC Academics Dr.V.K Mittal mentioned that CU team is making efforts to involve IQAC in various aspects of university for qualitative interventions and incorporation of best practices	It was resolved that a dashboard should be developed for presenting meeting with top few parameters and related data with respective facts and figures, for example, in academics (outcome attainments) related data / insights in charts / graphs programme-wise/institute or cluster-wise) can be shown by concerned leaders of the central division / cluster as applicable.	Responsibility of DAA, UCRD, DCPD, DSW, CRC, and ERP Department (Mr Rakesh Plaha & Team) **Timeline: 30th June 2024**

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

		in academics, teaching learning, and evaluations. **Dr Divneet** discussed aspects related to cluster-wise incorporation of Professors of Practice and shared details about the courses taught and past progress in guest lectures, workshops, and academic activities. Dr Divneet shared that **63** Professors of Practice are engaged with the various departments of the university and elaborated on how to make CU attractive for industry persons acting as professors of practice and sharing their knowledge with our students. **Dr Amit Jain** elaborated on the data-driven insights using presentation and shared status of Academic & Administrative Audits and shared that same is conducted regularly 20-25 days before start of semester. Similarly, the LMS content audit is done before semester commencement by DQAC, lab audits are done before MST-1, MST-2, and finally an end-semester audit is done after completion of the semester. He cited a few of the challenges noted and areas of improvements such as need for academic advisory, fixing of non-availability of resources, resolution of issues related to equipment calibration, and requirement of improving quality of content for better pedagogical approach in academics. **Dr Pargat Singh** requested clarification regarding a potential mismatch of data for liberal arts department wherein in response it was clarified that chart was showing data from one of the audit activities which was carried out before semester and	It was resolved that regular sharing of best practices, compiled at Academic Affairs level from a particular institute, then shared to other cluster / institutes with the help of IQAC for common improvements be followed regularly.	Department of Academic Affairs and IQAC **Timeline: 30th June 2024**

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

		other chart was showing data from audit the next audit for the purpose of comparison.		
4	**Agenda Item No. 4:** To explore research. outcomes, publications, Patents, projects & consultancy	For presenting research outcomes, the PVC Research Prof. (Dr) Sanjeet Singh was requested by Associate Director-IQAC Mr. Sarabpreet Singh to present the report of last two academic sessions showcasing progress in research publications, patents, IPR / Trademark related outcomes by Chandigarh University. PVC Research presented the Scopus/WoS indexed dashboard showing the progression of research activity at Chandigarh University. The dashboard shown 11,770 documents by 4198 authors with discipline-wise trend wherein for year of 2023 the Chandigarh University had presented quality publications. Furthermore, he elaborated the research effort ongoing in the genetics lab, microbiology lab, plants lab, and AI Lab with more than 70 Crore INR funding / investment in these initiatives and 74 funded projects from central government agencies. For patents, PVC research presented 2500+ patents filed till-date filed for Chandigarh University and that these patents are all published, and 180 patents are granted with only 1 patent rejection. Chandigarh University also achieved 17th Rank in societal research metrics. **PVC Research Dr Sanjeet Singh** shared internal quality metrics highlighting the growth of Chandigarh University in terms of average duration of PhD programme at 4.5 years compared to many other		

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

		institutions, and that research publications made are of high quality as recognized by the various accreditation and ranking agencies. That PhD programme is offered in 20 different areas and stipend is paid as per UGC norms with Central Instrumentation Facility with funding to every department of the university. However, he emphasized the need to do more in extracting applications of research work completed thus far. He cited examples of research-led development of mobile apps for solving real-life problems and quoted success of the project. **Mr. Sofi Zahoor** upon review of the research outcomes suggested that CU can become part of CRICS and reach out to work with reputed research-oriented organizations such as NIPER, PGI and so forth. In response, PVC research shared efforts done by the Chandigarh University for department of science and technology wherein Chandigarh University was one of the only private universities working towards attaining the goals of research with government funded projects, work with IIT Ropar, and women empowerment related projects.	It was resolved that Research department shall make provisions to have Chandigarh University faculty members and researchers work with external organizations for research publication, patents, and IPR work.	Responsibility of UCRD Research Department **Timeline: 30th June 2024**
5	**Agenda Item No. 5:** Present student progression & skillset required by companies for placements. - Presented by DCPD & CRC	Associate Director-IQAC Mr. Sarabpreet Singh briefed the house over the agenda item and requested the department of DCPD / CRC to present student progression and skill-required by companies for placements. **Mr. Jaspal Singh** from DCPD, on behalf of Executive Director-DCPD, briefed the house on the various processes used for skill-gap reduction by offering aptitude test, soft-skill		

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

		development, mock interviews, resume building workshops, and career guidance / counselling services by DCPD. He presented the AMCAT test result data and elaborated on the test results for comparative understanding of the improvement in student skills in engineering students. Aspects of competitive exams coaching and training or courses for test-prep during evening classes were discussed and shared.		
		Mr Sofi Zahoor suggested the necessity of having "writing" skill for students of UG/PG and some should be made part of curriculum citing the weakness of writing skill observed in graduated students. In response, the DCPD and Academics team responded to have it incorporated remedial measures in the course curriculum through add-on courses.	It was resolved that courses related to improvement in writing skill of students be introduced across programmes.	Responsibility of Academic Affairs and DCPD **Timeline: 30th June 2024**
		Mr Amandeep Singh, Deputy General Manager CRC, on behalf of head of CRC presented live data from Placement Tracker module available on the Chandigarh University's website about progress made towards placements and shared details regarding the stats and process followed for students before placements. He elaborated on year-on-year details regarding campus placements for past years, highest package offered, student placed, number of companies visited, companies which offered more than 20 LPA, 15 LPA, and so forth. **Mr Sofi Zahoor** asked the Highest and Average Packages	It was resolved that CRC / Placement	Responsibility of CRC

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

		offered to CU students wherein it was shared that current packages seems to be skewed towards outliers and it was suggested to have a strategic collaboration within university departments with CRC/DCPD to reduce the gap / skew observed in the placement package data. It is important to have a plan dedicated to increasing the average package of the 'critical mass', i.e. average student amongst the placed students. Furthermore, **Mr. Sofi Zahoor** asked all IQAC members about "What will attract top industries towards CU?" as same should be the guiding principle for improvements in student skilling and progression towards placements.	department to ensure average package of students is shown/made a target KPI for assessment of whether improvement is observed in overall placement assistance effort. CRC and DCPD to jointly present data regarding the same in the next meeting of IQAC. It was suggested and resolved that by students a GitHub profile should be made where work on real-life problems is demonstrated online on GitHub.	/DCPD Department **Timeline: 30th June 2024** Responsibility DAA/ Respective ED-Engineering **Timeline: 30th June 2024**
6	**Agenda Item No. -6** Present student activities & accomplishments (DSW)	: Associate Director IQAC Mr. Sarabpreet Singh requested Executive Director DSW Dr Arvinder Singh Kang to share a brief report on student activities and accomplishments. **Executive Director-DSW** discussed the Department of Student Welfare (DSW) and its role on as a central hub for student services and mentioned details on the structure of DSW team and rendered student services. The attention was drawn on various initiatives taken up by DSW such orientation programmes, student feedback sessions on	All members agreed and shared no suggestions / comments in this regard. (non-actionable)	--

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

		academics/services, and regular sharing of student concerns with departments was shared with IQAC members. Furthermore, details regarding internal units of DSW such as NCC, NSS, and other cells were shared. It was reiterated that comprehensive support for students, encompassing academic, social, and psychological aspects, is readily available on campus. **Student Care Centres:** Attention was drawn to the unique feature of Chandigarh University's Student Care Centre (SCC), ensuring timely assistance within 24 hours and offering quick service and solutions. Students were encouraged to utilize the SCC, which is conveniently located in each academic block, for resolving administrative or any service-related issues efficiently. **Orientation Programs:** The significance of orientation programs in facilitating students' adjustment to campus life and fostering a sense of belonging was highlighted. **Open House Sessions:** Emphasis was placed on the value of transparency and feedback through Open House sessions, scheduled at the beginning of each semester. These sessions provide platforms for students to voice common challenges and propose suggestions for improving the learning environment, promoting a student-centric approach at Chandigarh University. **Student Feedback through Student Relationship Management:** It was shared that RMS serves as a critical element for student satisfaction		

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

		and redressed student concerned by the RMS team of DSW. Attendees acknowledged that feedback is essential for organizational improvement, encouraging students to share their opinions constructively to enhance Chandigarh University's environment. Robust feedback mechanisms, both online (via the website or UIMS) and offline (through suggestion boxes placed across various departments), were highlighted to facilitate student engagement. **Mr. Sofi Zahoor** appreciated ED-DSW's efforts and cited good progress with due impact seen through social media, and furthermore welcomed DSW's initiatives currently being done and suggested the same to be continued for the coming session.		
7	**Agenda Item No. -7** Review & Approve AQAR Report	: Associate Director IQAC Mr Sarabpreet Singh requested Dr Shazil (AQAR Coordinator) to brief the house about the submission and status of AQAR report. Dr Shazil shared that AQAR for year 2023 was submitted on time and for the 2024 the submission of AQAR is in progress and shall be submitted with respect to the due timelines.	All members agreed and acknowledged. (non-actionable)	--
8	**Agenda Item No. -8** To discuss about the activities planned for quality assurance	: Associate Director IQAC Mr Sarabpreet briefly shared the intent regard planned activities focused on quality assurance by IQAC team that the team is looking to integrated more tightly into the ecosystem of Chandigarh University. That IQAC shall work to uplift the standards of higher education at Chandigarh University through the Action Plan presented in the meeting and will take up setting up of	All members agreed and acknowledged. (non-actionable)	--

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

CU/R/M/2023-24/2295

		necessary benchmarks and quality parameters as required and mandated as per NAAC / UGC's IQAC guidelines within the NEP framework		
9	**Agenda Item No. -9:** To discuss any other item with permission of the chair	No additional point was discussed.	--	--

Submitted for kind consideration & approval:

Associate Director - IQAC 22/5/24

Director – IQAC 20/5/24

Dr. N. KARTHIKEYAN
Professor - CSE
Director - Internal Quality Assurance Cell
Chandigarh University

Registrar 25/5

28 May 2024

Pro-Vice Chancellor (Academic Affairs) &
Dean - Academic Affairs

Vice Chancellor 28/5/24

Vice Chancellor Chandigarh University Gharuan